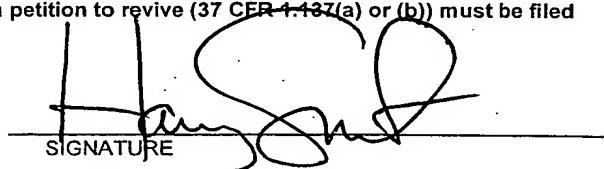


FORM PTO-1390 (Modified) (REV. 07-2004) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE		ATTORNEY'S DOCKET NUMBER 904.0102.U1(US)
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/519577
INTERNATIONAL APPLICATION NO. PCT/US2003/020237	INTERNATIONAL FILING DATE 27 June 2003 (27.06.2003)	PRIORITY DATE CLAIMED 27 June 2002 (27.06.2002)
TITLE OF INVENTION METHOD AND APPARATUS FOR DETECTING MULTIPLE OPTICAL WAVE LENGTHS		
APPLICANT(S) FOR DO/EO/US LEVNER, Daniel; FAY, Martin F.; XU, Jingming		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). 		
Items 13 to 23 below concern document(s) or information included:		
<ol style="list-style-type: none"> 13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input checked="" type="checkbox"/> Express Mail Label No. <u>EV 460360228 US</u> 23. <input checked="" type="checkbox"/> Other items or information: <p>PCT/ISA/206, PCT/IB/304, PCT/IB/301</p>		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/519577		INTERNATIONAL APPLICATION NO. PCT/US2003/020237		ATTORNEY'S DOCKET NUMBER 904.0102.U1(US)																	
<p>21. The following fees are submitted:</p> <table> <tr> <td><input checked="" type="checkbox"/> a) Basic national fee.....</td> <td>\$300.00</td> <td>Applicant use</td> <td>Office use only</td> </tr> <tr> <td><input checked="" type="checkbox"/> b) Examination fee.....</td> <td>\$200.00</td> <td>\$ 300.00</td> <td></td> </tr> <tr> <td><input type="checkbox"/> c) Search fee.....</td> <td>\$500.00</td> <td>\$ 200.00</td> <td></td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE CALCULATIONS = \$1000.00</td> <td>\$</td> <td></td> </tr> </table> <p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p>						<input checked="" type="checkbox"/> a) Basic national fee.....	\$300.00	Applicant use	Office use only	<input checked="" type="checkbox"/> b) Examination fee.....	\$200.00	\$ 300.00		<input type="checkbox"/> c) Search fee.....	\$500.00	\$ 200.00		TOTAL OF ABOVE CALCULATIONS = \$1000.00		\$	
<input checked="" type="checkbox"/> a) Basic national fee.....	\$300.00	Applicant use	Office use only																		
<input checked="" type="checkbox"/> b) Examination fee.....	\$200.00	\$ 300.00																			
<input type="checkbox"/> c) Search fee.....	\$500.00	\$ 200.00																			
TOTAL OF ABOVE CALCULATIONS = \$1000.00		\$																			
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																		
- 100 =	/50 =		x \$250.00	\$																	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).																					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$																	
Total claims	62 - 20 =	42	x \$50.00	\$ 2100.00																	
Independent claims	22 - 3 =	19	x \$200.00	\$ 3800.00																	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	\$																
TOTAL OF ABOVE CALCULATIONS =				\$ 6400.00																	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.																					
SUBTOTAL = \$																					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).																					
+ \$																					
TOTAL NATIONAL FEE = \$ 3200.00																					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																					
+ \$																					
TOTAL FEES ENCLOSED = \$ 3200.00																					
Amount to be refunded: 																					
Amount to be charged 																					
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>3,200.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-1924</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																					
SEND ALL CORRESPONDENCE TO:																					
Customer Number 29,683																					
SMITH, Harry F.																					
Harrington & Smith, LLP																					
4 Research Drive																					
Shelton, Connecticut 06484-6212																					
Tel. (203) 925-9400																					
Fax. (203) 944-0245																					
 SIGNATURE Harry F. Smith NAME																					
32,493 REGISTRATION NUMBER																					
Date: 12/23/04																					

10/519577
DT15 Rec'd PCT/PTO 27 DEC 2004

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:

Applicant: LEVNER et al.

Serial No.: 11/

Filed: Herewith

Title: Method and Apparatus for Detecting Multiple Optical Wave Lengths

Attorney Docket No.: 904.0102.U1(US)

Express Mail Certificate

I hereby certify that the following correspondence:

New National Stage Application Transmittal letter (including copies of International Application);

Declaration, Information Disclosure Statement, PTO-1449 and Reference;

Assignment, Assignment Cover Sheet and check for \$40.00

Check in the amount of \$ 3200.00

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 CFR 1.10, Express Mail No. EV 460360228 US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Mail Stop PCT on December 27, 2004.

Ann Okrentowich
Ann Okrentowich